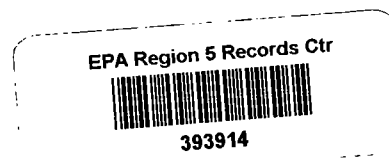


U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 Western Tar Products - Removal Polrep



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region V**

Subject: **POLREP #1**
 Western Tar Products
 B5SS
 Terre Haute, IN
 Latitude: 39.4397790 Longitude: -87.4237521

To: Mark Johnson, ATSDR
 Harry Atkinson, IDEM
 USCG NRC, NRC
 David Chung, OERR
 Jeff Kelley, U.S. EPA
 Sally Jansen, U.S. EPA Region V
 Richard Karl, U.S. EPA Region V
 John Maritote, U.S. EPA Region V
 Carol Ropski, U.S. EPA Region V
 Edward Karecki, USFWS
 Scott Pruitt, USFWS
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 Linda Nachowicz, U.S. EPA Region V, ERB 2
 Steven Kaiser, USEPA Region V ORC
 Jason Sewell, IDEM

From: Verneta Simon, On-Scene Coordinator

Date: 5/10/2011

Reporting Period: 1/26/2011 - 1/31/2011

1. Introduction

1.1 Background

Site Number:	B5SS	Contract Number:	
D.O. Number:		Action Memo Date:	9/8/2009
Response Authority:	CERCLA	Response Type:	PRP Oversight
Response Lead:	PRP	Incident Category:	
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:		Start Date:	
Demob Date:		Completion Date:	

CERCLIS ID:**RCRIS ID:****ERNS No.:****State Notification:****FPN#:****Reimbursable Account #:**

1.1.1 Incident Category

Former Railroad Tie Manufacturing Facility

1.1.2 Site Description

Western Tar Products (now reorganized and called CAVU Ops) has operated as a railroad tie manufacturing facility since 1906. Since 2001, CAVU Ops has leased the property to Tangent Rail, who operated at the Site until January 2011. Historically, all railroad tie manufacturing operations occurred on the north end of the site, while the south end of the site was used to store untreated railroad ties. The area of the Site is approximately 22 acres and it is located immediately adjacent to the Wabash River.

1.1.2.1 Location

2525 Prairieton Road, Terre Haute, Vigo County, Indiana

1.1.2.2 Description of Threat

Coal tar materials were identified on the east bank of the Wabash River at the south end of the Site. The area where coal tar was identified is located beneath the area used to store untreated railroad ties. The facility's processing area, located on the north end of site, could be the source of the current seep into the Wabash River. U.S.EPA does not yet know all of the sources of the hazardous substances nor whether the coal tar has migrated to locations besides the Wabash River.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

On July 7, 2009, U.S.EPA and IDEM responded to a report by an anonymous fisherman that a black substance was seeping into the Wabash River. Using an IDEM airboat, U.S.EPA and IDEM were able to determine that the seep originated from the Site. On July 10, 2009, U.S.EPA contacted CAVU Ops. U.S.EPA asked CAVU Ops to determine the contents of the black seep and characterize the extent of the impacted area. On July 13, 2009, CAVU Ops reported that it had observed visual impacts along 400 feet of the riverbank. On July 13, 2009, CAVU Ops collected water samples from the river from up and down stream of the visual impacts as well as soil and material samples from along the riverbank. Envision Laboratories, Inc. analyzed the samples for VOCs, SVOCs, and PCBs. The soil analyses indicate that SVOCs including acenaphthylene, anthracene, benzo(a) anthracene, 2-chloronaphthalene, and chrysene are migrating from the coal tar material into underlying soil. On August 5, 2009, CAVU Ops asked and was given approval to remove surficial material along the riverbank in advance of the execution of an Administrative Settlement Agreement on Consent (ASAOC). When it was time for CAVU Ops to sign the ASAOC, they declined. On February 9, 2011, a Unilateral

Administrative Order (UAO) was issued to CAVU Ops.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

- Keramida excavated test trenches at all 7 planned locations TT101, TT104, TT107, TT109, TT111, TT114, & TT117. Each test trench was extended to a depth of 6' below ground surface (bgs)
 - Test trenches TT101 and TT107 contained suspected coal tar material
- Earth Exploration drilled 10 borings to depths 2-5' below the water table level & 3 borings above the water table level.
- Soil boring information was as follows:
 - KB102 – Water Table: 44 5' bgs, Final Depth: 52' bgs, No noted coal tar;
 - KB103 – Water Table: 44 5' bgs, Final Depth: 52' bgs, No noted coal tar;
 - KB105 – Water Table: 41'4" bgs, Final Depth: 44' bgs due to sand upheaval, No noted coal tar;
 - KB106 – Water Table: NA, Final Depth: 40' bgs due to limited driller equipment, No noted coal tar;
 - KB108 – Water Table: NA, Final Depth: 40' bgs due to limited driller equipment, No noted coal tar;
 - KB110 – Water Table: 45' bgs, Final Depth: 52' bgs, No noted coal tar;
 - KB112 – Water Table: 42' bgs, Final Depth: 44' bgs due to sand upheaval, No noted coal tar;
 - KB113 – Water Table: 45' bgs, Final Depth: 52' bgs, Coal tar material from 1-2' bgs;
 - KB115 – Water Table: 42 5' bgs, Final Depth: 52' bgs, No noted coal tar;
 - KB116 – Water Table: 42' bgs, Final Depth: 44' bgs due to sand upheaval, No noted coal tar;
 - KB118 – Water Table: 42 5' bgs, Final Depth: 52' bgs, No noted coal tar;
 - KB119 – Final Depth: 8' bgs due to concrete, No noted coal tar;
 - KB120 – Water Table: 41' bgs, Final Depth: 48' bgs, No noted coal tar;
- Earth Exploration drilled 14 additional shallow borings (to 8' bgs) offset from soil boring KB113 and test trenches TT101 and TT107
- Shallow soil boring offset information was as follows.
 - KB101N (20' north of TT101) – Final Depth: 8' bgs, Total Recovery: 4', Coal tar from 1-1 5' bgs;
 - KB101E (20' east of TT101) – Final Depth: 8' bgs, Total Recovery: 4', Coal tar from 12-15" bgs;
 - KB101S (20' south of TT101) – Final Depth: 8' bgs, Total Recovery: 5'3", Coal tar from 0-8" & 24-25" bgs;
 - KB101W (20' west of TT101) – Final Depth: 8' bgs, Total Recovery: 2'10", Coal tar from 15-17" bgs;
 - KB107 (center of TT107) – Final Depth: 8' bgs, Total Recovery: 3'3 5", Coal tar from 0-0 5' bgs (disturbed soil);
 - KB113N (20' north of KB113) – Final Depth: 8' bgs, Total Recovery: 5'2", Coal tar from 1-2' bgs;
 - KB1132N (40' north of KB113) – Final Depth: 8' bgs, Total Recovery: 3'11", Coal tar from 0 5-2 5' bgs;

- KB1133N (60' north of KB113) – Final Depth 8' bgs, Total Recovery 3'10.5", Coal tar from 0 5-1 5' bgs;
- KB113E (20' east of KB113) – Final Depth 8' bgs, Total Recovery 4'10", Very slight odor from 6-7" bgs,
- KB113S (20' south of KB113) – Final Depth 8' bgs, Total Recovery 4'8", Slight odor from 6-8" bgs;
- KB121 (20' south of TT107) – Final Depth 8' bgs, Total Recovery 3'3 5" , No noted coal tar,
- KB122 (20' east of TT107) – Final Depth 8' bgs, Total Recovery 5' , No noted coal tar,
- KB123 (20' north of TT107) – Final Depth 8' bgs, Total Recovery 3'3 5" , No noted coal tar;
- KB124 (~60' south of TT107) – Final Depth 8' bgs, Total Recovery 4'7" , No noted coal tar;
- Keramida screened all soil borings with a TVA-1000, a Flame Ionization Detector (FID) for organic compounds
- All samples collected by Keramida have been sent to Pace Analytical in Indianapolis, IN for BTEX, PAH, and 2-chloronaphthalene analysis with a 7-day turnaround time

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

The UAO was issued on February 9, 2011, however, CAVU Ops did not indicate until May 5, 2011 that they would comply with the UAO. A copy of the UAO is in the "documents" section of this website.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
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2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

- Sediment sampling in the Wabash River, if the river is low, otherwise, sampling conducted after the Indiana Bat season or concurrent with remediation
- Remediation based on the results from test trenches, soil borings, and sediment sampling results

2.2.1.2 Next Steps

2.2.2 Issues

The Wabash River is currently experiencing flooding so when water levels recede sediment sampling will be conducted.

2.3 Logistics Section

Not applicable.

2.4 Finance Section

2.5 Safety Officer

A site health and safety plan was signed by all personnel present.

2.6 Liaison Officer

Not applicable.

2.7 Information Officer

2.7.1 Public Information Officer

Not applicable.

2.7.2 Community Involvement Coordinator

Not applicable.

3. Participating Entities

3.1 Unified Command

Indiana Department of Environmental Management

3.2 Cooperating and Assisting Agencies

Not applicable.

4. Personnel On Site

2 START – Weston Solutions, Inc
3 Keramida, Inc
2 Earth Exploration

5. Definition of Terms

IDEM – Indiana Department of Environmental Management
OSC – On-Scene Coordinator
START – Superfund Technical Assessment and Response Team
U S EPA – United States Environmental Protection Agency
ASAO – Administrative Settlement Agreement on Consent
UAO – Unilateral Administrative Order

6. Additional sources of information

6.1 Internet location of additional information/reports

For additional information, please refer to “Documents” on www.epaosc.org/.

6.2 Reporting Schedule

The next POLREP will be submitted at a date to be determined.

7. Situational Reference Materials

For additional information, please refer to “Documents” on www.epaosc.org/





